



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/678,413
Source: IFWO
Date Processed by STIC: 4/1/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/678,413

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
- 3 Misaligned Amino The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
- 4 Non-ASCII The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. Please **ensure your subsequent submission is saved in ASCII text**.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0 A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
- 7 Skipped Sequences Sequence(s) missing. If intentional, please insert the following lines for **each** skipped sequence:
(OLD RULES) (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
- 8 Skipped Sequences Sequence(s) missing. If intentional, please insert the following lines for **each** skipped sequence.
(NEW RULES) <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
(NEW RULES) Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213> Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or
Response scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 → Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0 Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,
"bug" resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/678,413

DATE: 04/01/2004

TIME: 14:30:33

Input Set : D:\Seqlist.txt

Output Set: N:\CRF4\04012004\J678413.raw

4 <110> APPLICANT: Theratechnologies
 6 <120> TITLE OF INVENTION: G-Protein Coupled Receptor Antagonists
 9 <130> FILE REFERENCE: 1096-105US2CIP; 39038.00002.CIP
 11 <140> CURRENT APPLICATION NUMBER: 10/678,413
 12 <141> CURRENT FILING DATE: 2003-10-02
 14 <150> PRIOR APPLICATION NUMBER: US 09/154,627
 15 <151> PRIOR FILING DATE: 1998-09-17
 17 <160> NUMBER OF SEQ ID NOS: 163
 19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 8
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Artificial Sequence
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: L-amino acid
 29 <400> SEQUENCE: 1
 30 Ile Leu Gly His Arg Asp Tyr Lys
 31 1 5
 34 <210> SEQ ID NO: 2
 35 <211> LENGTH: 8
 36 <212> TYPE: PRT
 37 <213> ORGANISM: Artificial Sequence
 39 <220> FEATURE:
 40 <223> OTHER INFORMATION: L-amino acid
 42 <400> SEQUENCE: 2
 43 Trp Glu Asp Arg Phe Tyr Leu Leu
 44 1 5
 47 <210> SEQ ID NO: 3
 48 <211> LENGTH: 8
 49 <212> TYPE: PRT
 50 <213> ORGANISM: Artificial Sequence
 52 <220> FEATURE:
 53 <223> OTHER INFORMATION: L-amino acid
 55 <400> SEQUENCE: 3
 56 Tyr Gln Asp Arg Phe Tyr Leu Leu
 57 1 5
 60 <210> SEQ ID NO: 4
 61 <211> LENGTH: 8
 62 <212> TYPE: PRT
 63 <213> ORGANISM: Artificial Sequence
 65 <220> FEATURE:
 66 <223> OTHER INFORMATION: L-amino acid
 68 <400> SEQUENCE: 4

pp 1-7
 Does Not Comply
 Corrected Diskette Needed

← this does not explain Artificial Sequence

(give source of genetic material. see item 11 on Error Summary Sheet)

same error

same

RAW SEQUENCE LISTING

DATE: 04/01/2004

PATENT APPLICATION: US/10/678,413

TIME: 14:30:33

Input Set : D:\Seqlist.txt

Output Set: N:\CRF4\04012004\J678413.raw

69 Ile Leu Ala His Arg Asp Tyr Lys

70 1 5

73 <210> SEQ ID NO: 5

74 <211> LENGTH: 8

75 <212> TYPE: PRT

76 <213> ORGANISM: Artificial Sequence

78 <220> FEATURE:

79 <223> OTHER INFORMATION: L-amino acid

81 <400> SEQUENCE: 5

82 Ile Leu Gly Phe Arg Asp Tyr Lys

83 1 5

86 <210> SEQ ID NO: 6

87 <211> LENGTH: 8

88 <212> TYPE: PRT

89 <213> ORGANISM: Artificial Sequence

91 <220> FEATURE:

92 <223> OTHER INFORMATION: L-amino acid

94 <400> SEQUENCE: 6

95 Ile Leu Gly His Lys Asp Tyr Lys

96 1 5

99 <210> SEQ ID NO: 7

100 <211> LENGTH: 8

101 <212> TYPE: PRT

102 <213> ORGANISM: Artificial Sequence

104 <220> FEATURE:

105 <223> OTHER INFORMATION: L-amino acid

107 <400> SEQUENCE: 7

108 Ile Leu Gly His Arg Asn Tyr Lys

109 1 5

112 <210> SEQ ID NO: 8

113 <211> LENGTH: 8

114 <212> TYPE: PRT

115 <213> ORGANISM: Artificial Sequence

117 <220> FEATURE:

118 <223> OTHER INFORMATION: L-amino acid

120 <400> SEQUENCE: 8

121 Ile Leu Gly His Gln Asp Tyr Lys

122 1 5

125 <210> SEQ ID NO: 9

126 <211> LENGTH: 7

127 <212> TYPE: PRT

128 <213> ORGANISM: Artificial Sequence

130 <220> FEATURE:

131 <223> OTHER INFORMATION: L-amino acid

133 <400> SEQUENCE: 9

134 Ile Leu Gly His Arg Asp Tyr

135 1 5

138 <210> SEQ ID NO: 10

139 <211> LENGTH: 8

RAW SEQUENCE LISTING

DATE: 04/01/2004

PATENT APPLICATION: US/10/678,413

TIME: 14:30:33

Input Set : D:\Seqlist.txt

Output Set: N:\CRF4\04012004\J678413.raw

140 <212> TYPE: PRT
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: L-amino acid
146 <400> SEQUENCE: 10
147 Ile Leu Gly Trp Arg Asp Tyr Lys
148 1 5
151 <210> SEQ ID NO: 11
152 <211> LENGTH: 8
153 <212> TYPE: PRT
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: L-amino acid
159 <223> OTHER INFORMATION: Xaa = cyclohexyl alanine
W--> 161 <400> 11
OK 162 Ile Leu Gly Xaa Arg Asp Tyr Lys
163 1 5
166 <210> SEQ ID NO: 12
167 <211> LENGTH: 8
168 <212> TYPE: PRT
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: L-amino acid
174 <400> SEQUENCE: 12
175 Ser Asn Val Leu Cys Ser Ile Phe
176 1 5
179 <210> SEQ ID NO: 13
180 <211> LENGTH: 9
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: L-amino acid
187 <400> SEQUENCE: 13
188 Leu Ala Met Arg Leu Val Arg Arg Gly
189 1 5
192 <210> SEQ ID NO: 14
193 <211> LENGTH: 9
194 <212> TYPE: PRT
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: L-amino acid
200 <400> SEQUENCE: 14
201 Val Ile Arg Ala Thr Arg Pro Ala Leu
202 1 5
205 <210> SEQ ID NO: 15
206 <211> LENGTH: 9
207 <212> TYPE: PRT
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:

RAW SEQUENCE LISTING

DATE: 04/01/2004

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TIME: 14:30:33

Input Set : D:\Seqlist.txt

Output Set: N:\CRF4\04012004\J678413.raw

211 <223> OTHER INFORMATION: L-amino acid

213 <400> SEQUENCE: 15

214 Leu Val Ile Asp Gly Leu Leu Arg Thr

215 1 5

218 <210> SEQ ID NO: 16

219 <211> LENGTH: 8

220 <212> TYPE: PRT

221 <213> ORGANISM: Artificial Sequence

223 <220> FEATURE:

224 <223> OTHER INFORMATION: L-amino acid

226 <400> SEQUENCE: 16

227 Ala Ala Val Arg Cys Gly Ala Val

228 1 5

231 <210> SEQ ID NO: 17

232 <211> LENGTH: 8

233 <212> TYPE: PRT

234 <213> ORGANISM: Artificial Sequence

236 <220> FEATURE:

237 <223> OTHER INFORMATION: L-amino acid

239 <400> SEQUENCE: 17

240 Phe Val Thr Asp Glu His Ala Gln

241 1 5

244 <210> SEQ ID NO: 18

245 <211> LENGTH: 8

246 <212> TYPE: PRT

247 <213> ORGANISM: Artificial Sequence

249 <220> FEATURE:

250 <223> OTHER INFORMATION: L-amino acid

252 <400> SEQUENCE: 18

253 His Ile Ile Cys Ser Pro Leu Arg

254 1 5

257 <210> SEQ ID NO: 19

258 <211> LENGTH: 9

259 <212> TYPE: PRT

260 <213> ORGANISM: Artificial Sequence

262 <220> FEATURE:

263 <223> OTHER INFORMATION: L-amino acid

265 <400> SEQUENCE: 19

266 Ile Phe Phe Asp Ser Thr Glu Cys Trp

267 1 5

270 <210> SEQ ID NO: 20

271 <211> LENGTH: 9

272 <212> TYPE: PRT

273 <213> ORGANISM: Artificial Sequence

275 <220> FEATURE:

276 <223> OTHER INFORMATION: L-amino acid

278 <400> SEQUENCE: 20

279 Leu Val Pro Val Ser Gly Lys Glu Tyr

280 1 5

RAW SEQUENCE LISTING

DATE: 04/01/2004

PATENT APPLICATION: US/10/678,413

TIME: 14:30:33

Input Set : D:\Seqlist.txt

Output Set: N:\CRF4\04012004\J678413.raw

283 <210> SEQ ID NO: 21
284 <211> LENGTH: 8
285 <212> TYPE: PRT
286 <213> ORGANISM: Artificial Sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: L-amino acid
291 <400> SEQUENCE: 21
292 Phe Leu Thr Tyr Arg Phe Glu Ser
293 1 5
296 <210> SEQ ID NO: 22
297 <211> LENGTH: 8
298 <212> TYPE: PRT
299 <213> ORGANISM: Artificial Sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: L-amino acid
304 <400> SEQUENCE: 22
305 Asn Gly Gln Asn Gln Tyr Tyr Val
306 1 5
309 <210> SEQ ID NO: 23
310 <211> LENGTH: 8
311 <212> TYPE: PRT
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: L-amino acid
317 <400> SEQUENCE: 23
318 Gly Ala Val Asn Cys Leu Phe Lys
319 1 5
322 <210> SEQ ID NO: 24
323 <211> LENGTH: 8
324 <212> TYPE: PRT
325 <213> ORGANISM: Artificial Sequence
327 <220> FEATURE:
328 <223> OTHER INFORMATION: L-amino acid
330 <400> SEQUENCE: 24
331 Val Thr Asn Thr Ser Asp Leu Val
332 1 5
335 <210> SEQ ID NO: 25
336 <211> LENGTH: 8
337 <212> TYPE: PRT
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: L-amino acid
343 <400> SEQUENCE: 25
344 Leu Glu Ala Leu Thr Trp Pro Leu
345 1 5
348 <210> SEQ ID NO: 26
349 <211> LENGTH: 9
350 <212> TYPE: PRT
351 <213> ORGANISM: Artificial Sequence

↓
The types of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.

see p. 6 for more errors

<210> SEQ ID NO 98

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM: Artificial Sequence

<220> FEATURE:

<223> OTHER INFORMATION: D-amino acid

<220> FEATURE:

<221> NAME/KEY: AMIDATION

<222> LOCATION: (8)...(8)

<223> OTHER INFORMATION: Xaa = amide

<400> SEQUENCE: 98

Ile Leu Gly His Arg Asp Tyr Xaa

1

5

needs explanation

not a valid explanation

Xaa can only represent a single amino acid, nothing else

<210> SEQ ID NO 99

<211> LENGTH: 9

<212> TYPE: PRT

<213> ORGANISM: Artificial Sequence

<220> FEATURE:

<223> OTHER INFORMATION: D-amino acid

<220> FEATURE:

<221> NAME/KEY: AMIDATION

<222> LOCATION: (9)...(9)

<223> OTHER INFORMATION: Xaa = amide

<400> SEQUENCE: 99

Ile Leu Gly His Arg Asp Tyr Lys Xaa

1

5

needs explanation

not valid

same error as above

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/678,413

DATE: 04/01/2004
TIME: 14:30:34

Input Set : D:\Seqlist.txt
Output Set: N:\CRF4\04012004\J678413.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; Xaa Pos. 4
Seq#:98; Xaa Pos. 8
Seq#:99; Xaa Pos. 9
Seq#:101; Xaa Pos. 4

VERIFICATION SUMMARY

DATE: 04/01/2004

PATENT APPLICATION: US/10/678,413

TIME: 14:30:34

Input Set : D:\Seqlist.txt

Output Set: N:\CRF4\04012004\J678413.raw

L:161 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11
L:162 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:11
L:162 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:11
L:162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:390 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29
L:416 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31
L:442 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33
L:1034 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:78
L:1064 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:80
L:1081 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:81
L:1137 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:85
L:1165 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:87
L:1247 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:93
L:1312 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1316 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:98
L:1317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98 after pos.:0
L:1329 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1333 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:99
L:1334 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:0
L:1361 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:101
L:1362 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:101
L:1362 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:101
L:1362 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:0